



### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

11/28/2005

BRACEWELL & PATTERSON, L.L.P. INTELLECTUAL PROPERTY LAW P O BOX 969 AUSTIN, TX 78767 EXAMINER

TZENG, FRED

ART UNIT PAPER NUMBER

2651

DATE MAILED: 11/28/2005

| [ | APPLICATION NO. FILING DATE |            | FIRST NAMED INVENTOR  | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-----------------------------|------------|-----------------------|---------------------|------------------|
|   | 09/898.863                  | 07/03/2001 | Robert George Emberty | TUC920010066US1     | 7313             |

TITLE OF INVENTION: APPARATUS AND METHOD FOR AUTOMATED INTERCONNECTION AND DISCONNECTION OF DISK DRIVE CARRIER IN A SYSTEM

|   | APPLN. TYPE       | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|---|-------------------|--------------|-----------|-----------------|------------------|------------|
| • | nonprovisional NO |              | \$1400    | \$300           | \$1700           | 02/28/2006 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE **Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

(571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee priferations. maintenance fee notifications.

or <u>Fax</u>

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

11/28/2005

BRACEWELL & PATTERSON, L.L.P. INTELLECTUAL PROPERTY LAW P O BOX 969 AUSTIN, TX 78767

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the LISPTO (571) 273 2895, on the date indicated below

| on the date indicated below. | ansimiled to the USP1U (3/1) 2/3-2883, |
|------------------------------|--|
| (Depositor's name)           |  |
| (Signature)                  |  |
| (Date)                       |  |
|                              |  |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR  | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|-----------------------|---------------------|------------------|
| 09/898,863      | 07/03/2001  | Robert George Emberty | TUC920010066US1     | 7313             |

TITLE OF INVENTION: APPARATUS AND METHOD FOR AUTOMATED INTERCONNECTION AND DISCONNECTION OF DISK DRIVE CARRIER IN A SYSTEM

| APPLN. TYPE  | SMALL ENTITY  | ISSUE F  | EE  | PUBLICATION FEE   | TOTAL FEE(S) DUE  | DATE DUE   |
|--|---|--|---|---|---|--|
| nonprovisional   | nonprovisional NO \$1   |  | 0   | \$300   | \$1700  | 02/28/2006   |
| EXA  | EXAMINER AR   |  | IIT   | CLASS-SUBCLASS  | 7   |  |
| TZENG, FRED 2  |   | 2651   |   | 360-069000  | _   |  |
| CFR 1.363).  Change of correspon Address form PTO/SB/1  "Fee Address" indica             | ce address or indication of "F<br>idence address (or Change of<br>122) attached.<br>ation (or "Fee Address" Indic<br>or more recent) attached. Us | Correspondence   | (1) the na or agents (2) the na registered 2 registered | nting on the patent front page, I<br>mes of up to 3 registered pate<br>OR, alternatively,<br>me of a single firm (having as<br>attorney or agent) and the nar<br>ed patent attorneys or agents. It<br>name will be printed. | a member a 2  |  |
|  | -   | elow, no assignee<br>of this form is NO                        | data will app<br>T a substitute                         | rear on the patent. If an assig for filing an assignment.  CE: (CITY and STATE OR CC  |   | document has been filed for                              |
| Please check the appropriat  | e assignee category or catego   | ries (will not be p  | inted on the p  | oatent): 🗖 Individual 🗖 C   | Corporation or other private gr                                     | oup entity Government                                    |
| 4a. The following fee(s) are   | e enclosed:   | 41   | o. Payment of   | • • •   |   |  |
| Issue Fee  |   |  | A check   | in the amount of the fee(s) is e  | nclosed.  |  |
|  | small entity discount permitte  |  | Payment   | by credit card. Form PTO-203  | 8 is attached.  |  |
| Advance Order - # of Copies Deposit Account Number (enclose an extra copy of this form). |   |  |   |   | credit any overpayment, to copy of this form).                      |  |
| 5. Change in Entity Status   | s (from status indicated above  | :)   |   |   |   |  |
| a. Applicant claims S  | SMALL ENTITY status. See  | 37 CFR 1.27.   | 🗖 b. Applic   | eant is no longer claiming SMA  | LL ENTITY status. See 37 C  | CFR 1.27(g)(2).  |
| The Director of the USPTC<br>NOTE: The Issue Fee and I<br>interest as shown by the rec   | o is requested to apply the Issue Publication Fee (if required) veords of the United States Pate  | ue Fee and Publica<br>will not be accepte<br>ent and Trademark | tion Fee (if ard from anyone Office.                    | ny) or to re-apply any previous<br>e other than the applicant; a reg  | ly paid issue fee to the applic<br>gistered attorney or agent; or t | ation identified above.<br>he assignee or other party ir |

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Authorized Signature

Typed or printed name \_

Date

Registration No.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO. | FILING DATE       | FIRST NAMED INVENTOR  | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------------|-----------------------|---------------------|------------------|
| 09/898,863      | 07/03/2001        | Robert George Emberty | TUC920010066US1     | 7313             |
| 7:              | 590 11/28/2005    |                       | EXAMI               | INER             |
|                 | PATTERSON, L.L.P. | TZENG,                | TZENG, FRED         |                  |
| P O BOX 969     | PROPERTY LAW      |                       | ART UNIT            | PAPER NUMBER     |
| AUSTIN, TX 7876 | 57                |                       | 2651                | <del>-</del>     |

DATE MAILED: 11/28/2005

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 654 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 654 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.